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08/11/1999 - 09:33:53

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Language](#)
- [FAQ](#)

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Patent Document Number : 2259483

MAGNETIC DISK SUBSTRATES FORMED OF
CERAMIC-METAL MATRIX COMPOSITES WITH OR WITHOUT
METAL CLADDING

SUBSTRATS DE DISQUES MAGNETIQUES CONSTITUÉS DE
COMPOSITES EN CÉRAMIQUE- MATRICE METALLIQUE
AVEC OU SANS PLACAGE METALLIQUE

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G11B 5/704; G11B 5/84**

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ABSTRACT:

A rigid disk substrate for a magnetic recording disk is formed of a ceramicmetal matrix composite. A metal-cladding may be included around the ceramicmetal matrix composite to form a sandwich structure. The ceramic-metal matrix composite has a composition ranging from approximately 1 to 40 weight % of ceramic and 60 to 99 weight % of metal matrix. The metal matrix material and the metal cladding material are aluminum or an aluminum alloy.

CLAIMS: [Show all claims](#)

*** Note: Data on abstracts and claims is shown in the official language in which it was submitted.

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